

# QUECHAN WATER REPORT

*Riverfront*

-PWS-#0400681

## June 2005

We are very pleased to provide you with this years annual quality water report. We want to keep you informed about the excellent water services we have delivered to you over the past year. Our goal is and always has been, to provide you a safe and dependable supply of drinking water. Our water source is from wells that draw from the aquifer.

We are pleased to report that our drinking water is safe and meets federal and state requirements. If you have any questions about this report or concerning your water quality, please contact our office at 1890 San Pasqual School Road or call (760) 572-0666. We want our valued customers to be informed about their water utility.

Quechan Utility Company routinely monitors for constituents in your drinking water according to federal and state laws. This table shows results of our monitoring for the period of January 1st to December 31st, 2005. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

Listed below are the following terms and the abbreviations regarding the test results:

Non-detects (ND) – Laboratory analysis

Parts Per Million (PPM) or Milligrams Per Liter (MG/L)

Parts Per Billion (PPB) or Micrograms Per Liter

Picocuries (PCI/L Per Liter is the measure of radioactivity in water

Millirems Per Year (MREM/YR) – Measure of radiation absorbed by the body

Maximum contaminant level – The “maximum allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set close to the MCLG's as feasible using the best treatment technology

Maximum contaminant level goal – The “Goal” (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

**Test Results**

<b>Contaminant</b>	<b>Violation Y/N</b>	<b>Level Detected</b>	<b>Unit Measured</b>	<b>MCLG</b>	<b>MCL</b>	<b>Likely Source</b>
<b>Microbiological Contaminants</b>						
1. Total Coliform Bacteria	N	0		0	Presence of coliform bacterian in 5% of monthly samples	Naturally present in the environment
2. Fecal coliform and E.coli	N	0		0	A routine sample and repeat sample are total coliform positive, and one is also fecal coniform or E.coli positive	Human and animal fecal waste
<b>Radioactive Contaminants</b>						
4. Beta/photon emitters	N	4.3	mrem/yr	0	4	Decay of natural and man-made deposits
5. Alpha emitters	N	2.6	pCi/l	0	15	Erosion of natural deposits
<b>Inorganic Contaminants</b>						
8. Arsenic	N	0.0036	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	0.028	ppb	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
14. Copper	N	0.22	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood perservatives
16. Flouride	N	0.44	ppm	4	4	Erosion of natural deposits' water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	0.0025	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

19. Nitrate (as Nitrogen)	N	0.61	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage, erosion of natural deposits
20. Nitrate (as Nitrogen)	N	0.048	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Volatile Organic Contaminants						
64. Dichloromethane	N	0.0011	ppb	0	5	Discharge from pharmaceutical and chemical factories

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all federal and state requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water is safe at these levels.

All sources of drinking water are subjected to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances.. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about the contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline at 1-800-426-4791.

MCCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for your understanding.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the safe drinking water hotline (800-426-4791).

Please call our office if you have any questions (760)572-0666, located at San Pasqual School Road, Winterhaven, CA or call Craig Menta Sr., Water Operator at (928) 920-2079.